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DERWENT-ACC-NO: 1987-190867

DERWENT-WEEK: 198727

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TITLE: Artificial heart valve - with resilient casing with ends passing into cones and with folds round its circumference

INVENTOR: IPATOV, P V

PRIORITY-DATA: 1984SU-3818336 (November 29, 1984)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
SU 1271508 A	November 23, 1986	N/A	003	N/A

INT-CL (IPC): A61F 2/24

ABSTRACTED-PUB-NO: SU 1271508A

BASIC-ABSTRACT:

The artificial heart valve includes a membrane (1) of umbrella-like form and a hermetically closed casing (2) made of resilient material in the form of a rotation body with ends passing into a cone. The hermetically closed casing (2) is made with folds of Y or X shaped outline.

The hermetically closed casing (2) is filled with gas or liquid. Pockets (3) are formed between the surface of the hermetically closed casing (2) and the membrane (1) by a catheter (4) in such a way that the first canal (5) of the catheter (4) has its side aperture (7) passing out into the aorta, and the second canal (6) of the catheter (4) communicates through further side apertures (8) with the cavity of casing (2).

ADVANTAGE - This construction of the artificial heart valve reduces trauma to the vessels. Bul.43/23.11.86